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Substitute for form 1449A

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Supplemental)**

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Complete If Known	
Application Number	10/661,430
Filing Date	09/12/2003
First Named Inventor	Richard D. Cummings et al.
Group Art Unit	1632 (Conf. No. 9475)
Examiner Name	Unknown
Attorney Docket Number	7148.001

## **U. S. PATENT DOCUMENTS**

EXAM INIT.	Cite No. 1	U.S. PATENT NUMBER Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NE		6558934 B1		Clausen et al.	05/06/2003	435/193

## **FOREIGN PATENT DOCUMENTS**

EXAM INIT.	Cite No. 1	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office 3	Number 4	Kind Code <sup>5</sup> (if known)			

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## **PATENT DOCUMENTS**

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

NE	1	KAWAR, Z.S., ET AL., "Molecular Cloning and Enzymatic Characterization of a UDP-GalNAc:GlcNAc $\beta$ -R $\beta$ 1,4-N-Acetylgalactosaminyltransferase from <i>Caenorhabditis elegans</i> ", J Biol Chem <b>277</b> , (2002) 34924-34932.
NE	2	ALMEIDA, R., ET AL., "A Family of Human $\beta$ 4-Galactosyltransferases", J Biol Chem <b>272</b> , (1997) 31979-31991.
NE	3	THE C. ELEGANS CONSORTIUM, "Genome Sequence of the Nematode C. Elegans: A Platform for Investigating Biology", Science <b>282</b> , (1998) 2012-2018.
NE	4	Database Genbank, Accession Number AC025727, DU et al. "Caenorhabditis elegans cosmid Y73E7A, complete sequence", 15 March 2000. Database SPTREMBL, Accession number Q9GUM2, DU et al. "The sequence of C. Elegans cosmid Y73E7A", March 2000.

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<i>NE</i>	5	LO, N., ET AL., "The expanding $\beta$ 4-galactosyltransferase gene family: messages from the databanks", Glycobiology <b>8</b> , (1998) 517-526.
Non Patent Documents: <sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.		
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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NE	1	DELL, A., ET AL., "Structural Analysis of the Oligosaccharides Derived from Glycodelin, a Human Glycoprotein with Potent Immunosuppressive and Contraceptive Activities", <i>J Biol Chem</i> 270, (1995) 24116-24126
NE	2	DHARMESH, S.M., ET AL., "Co-ordinate and Restricted Expression of the ProXaaArg/Lys-specific GalNAc-transferase and the GalNAc $\beta$ 1, 4GlcNAc $\beta$ 1, 2Man $\alpha$ -4-sulfotransferase", <i>J Biol Chem</i> 268, (1993) 17096-17102
NE	3	DO, K.Y., ET AL., " $\alpha$ -Lactalbumin Induces Bovine Milk $\beta$ 1,4-Galactosyl-transferase to Utilize UDP-GalNAc", <i>J Biochem Biophys Methods</i> 270, (1992) 18447-18451

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NE 4	MANZELLA, S. M., ET AL., "Oligosaccharides Containing $\beta$ 1,4-Linked N-Acetylgalactosamine, a Paradigm for Protein-specific Glycosylation", <i>J Biol Chem</i> 271, (1996) 12117-12120	
NE 5	MENGELING, B. J., ET AL., "A cluster of basic amino acids within an $\alpha$ -helix is essential for $\alpha$ -subunit recognition by the glycoprotein hormone N-acetylgalactosaminyltransferase", <i>Proc Natl Acad Sci U S A</i> 92, (1996) 502-506	
NE 6	MORELLE, W., ET AL., "Phosphorylcholine-containing N-glycans of <i>Trichinella spiralis</i> : identification of multiantennary lacdiNAc structures", <i>Glycobiology</i> 10, (2000) 941-950	
NE 7	NYAME, K., ET AL., "Complex-type Asparagine-linked Oligosaccharides in Glycoproteins Synthesized by <i>Schistosoma mansoni</i> Adult Males Contain Terminal $\beta$ -Linked N-Acetylgalactosamine", <i>J Biol Chem</i> 264, (1989) 3235-3243	
NE 8	NYAME, A. K., ET AL., "Mice infected with <i>Schistosoma mansoni</i> generate antibodies to LacdiNAc (GalNAc $\beta$ 1 $\rightarrow$ 4GlcNAc) determinants", <i>Glycobiology</i> 9, (1999) 1029-1035	
NE 9	RAMAKRISHNAN, B., ET AL., "Structure-based Design of $\beta$ 1,4-Galactosyltransferase I ( $\beta$ 4Gal-T1) with Equally Efficient N-Acetylgalactosaminyltransferase Activity", <i>J Biol Chem</i> 277, (2002) 20833-20839	
NE 10	SAARINEN, J., ET AL., "N-Glycan structures of matrix metalloproteinase-1 derived from human fibroblasts and from HT-1080 fibrosarcoma cells", <i>Eur J Biochem</i> 259, (1999) 829-840	
NE 11	VAN DEN NIEUWENHOF, I. M., ET AL., "Bovine mammary gland UDP-GalNAc:GlcNAc $\beta$ -R $\beta$ 1 $\rightarrow$ 4-N-acetylgalactosaminyltransferase is glycoprotein hormone nonspecific and shows interaction with $\alpha$ -lactalbumin" <i>Glycobiology</i> 9, (1999) 115-123	
NE 12	VAN REMOORTERE, A., ET AL., "Profiles of Immunoglobulin M (IgM) and IgG Antibodies against Defined Carbohydrate Epitopes in Sera of <i>Schistosoma</i> -Infected Individuals Determined by Surface Plasmon Resonance", <i>Infect Immun</i> 69, (2001) 2396-2401	
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